MRLC Consortium Viewer User Instructions

The user instructions will cover an overview of how to interact with the viewer. There are 3 different menu sections of the viewer. Each menu can contain tools. Each tool panel contains a help section specific to each tool. The main menus and tools are:

Controls

This is the map controls portion of the menu. Tools in this menu allow the user to interact with the map view and manipulate the location and scale. Tools like the Overview Map and the Bookmarks are usually under this menu.

Zoom In - The Zoom In tool is used to enlarge a portion of the map. Select this tool, then click and draw a box on the map around the area what you wish to see in more detail. Clicking without drawing a box, will zoom in with the center point where you clicked by a factor of 2.

Zoom Out - The Zoom Out tool is used to zoom out of a more detailed view of the map. The box drawn with this tool is used to calculate a zoom out factor. A smaller box will zoom out more than a large box. Clicking without drawing a box, will zoom out with the center point where you clicked by a factor of 2.

Full Extent - The Full Extent tool allows you to zoom out to the full extent of the viewer.

Move Map - The Move Map tool is used to drag the map in any direction and recenter the view. Simply click on the Move Map Tool, then drag the map to a new location.

Overview Map - The Overview widget displays a small map. The red box respresents the area on the main map that is currently visible.

Data

This is the map data sources portion of the menu. Tools in this menu allow the user to change or modify the data source or layers in the map view. Tools like the Layer Manager are usually under this group.

Layer Manager - This component is comprised of two panels: Visibility and Transparency. Each panel is described below.

Visibility Panel (Turn Layers On/Off) - This is a tree component with one line for each layer. ArcGISServer layers also have the ability to turn sub-layers on/off. Clicking on the checkbox turns the layer on or off. Clicking on a + button expands the ArcGISServer layer to show the sub-layers.

Transparency Panel (Adjust Transparency) - This panel shows all the layers with a slider bar for each one. Drag the slider to the left to make the layer more transparent, or to the right to make it more opaque.

View Legends - Shows the legends of the visible layers.

Download Tool - This is the Download widget and it provides the ability to select data for download.

Download Seamless Data - This allows the user to select an area on the map and the Seamless Download window will be displayed.

Define Download Area By Coordinates.

Tools

This is the interactive tools portion of the menu. Tools in this menu interact with the map and the user to provide advanced functionality. Most tools reside in this menu. Each tool panel should have it's own help panel describing usage of that specific tool.

Annotate - This is the annotate widget. There are several different drawing aspects within this widget. They are activated by clicking on the graphic within the first panel of the widget. They are explained in more detail below.

Draw Point - This allows the user to click on the map and the coordinates of that point will be displayed on the map if the add measurements option is checked.

Draw Polyline - This allows the user to draw a multipoint line. Click on a point on the map to start and it will anchor the line. Move the mouse and click at each desired point. Double-click the mouse to end the line.

Draw Freehand Line - This allows the user to draw a freehand line. Click on a point on the map to start and hold the mouse button down. Move the pointer around the map to draw the desired line. Release the mouse button to end the line.

Draw Polygon - This allows the user to draw a polygon. Click on a point on the map to anchor the polygon. Then move the mouse and click on each corner point of the polygon. Double click the mouse to complete the polygon.

Draw Freehand Polygon - This allows the user to draw a freehand polygon. Click

on a point on the map to start and hold the mouse button down. Move the pointer around the map to draw the desired area. Release the mouse button to complete the polygon. Please note: This tool does not calculate and display the measurements properly.

Place Text - This allows the user to place any text that is typed within the Text field. Once the desired text has been entered, click on the map to place the text once the Place Text drawing tool have been activated. NOTE: This only adds text once, to add another text label, click on the tool again.

Clear Map - This allows the user to clear the map of all items added by this widget.

Text - This is where the text that is to be placed on the map is typed. This is used with the Place Text tool.

Color - This allows the user to change the color of the line, shaded area and text that is placed on the map.

Size - This allows the user to determine the thickness of the line that is drawn on the map.

Add Measurements - Check this box to add up the distance of the lines drawn on the map.

Distance Units - Select the type of units to measure the distance of the lines drawn on the map.

Area Units - Select the type of units to measure the area of the polygons drawn on the map.

Elevation - This component allows for elevation queries to be performed.

Elevation Point Query - This button activates the elevation point query tool. This

tool will add a point to the map displaying the elevation for that location, and an entry in the elevation point queries list. Clicking on a result in the elevation point queries list will zoom to that point.

Elevation Profile Generator This button activates the profile line tool in order to draw a line on the map that defines the profile location. Drawing a line will add a profile to the list of generated profiles. Clicking on any profile will open a new window displaying that profile.

Identify - This is the Identify Tool widget.

Identify Search By Point - This allows the user to click on the map and the widget will display the feature information.

PDF Print - This tool will provides the ability to create a PDF image containing the underlying map layers.

Scale - This tool works by determining the current map units per pixel, and then creating a line that is 96 pixels long (~1 inch on most monitors) at the center of the map. The scale is expressed in 1 inch = x inches by default. The feature created to measure the scale is a horizontal line by default, but this can be changed to a vertical line.

XY/USNG - This tool allows the user to query the map for coordinate information including U. S. National Grid coordinates.